

=> d his

(FILE 'HOME' ENTERED AT 15:54:57 ON 10 NOV 1999)

FILE 'REGISTRY' ENTERED AT 15:55:04 ON 10 NOV 1999

L1 STRUCTURE UPLOADED

L2 2 S L1 ← parent ~~comp~~ structure

L3 35 S L1 FULL ← 35 compounds from parent search

FILE 'CAPLUS' ENTERED AT 16:05:44 ON 10 NOV 1999

L4 4 S L3

FILE 'REGISTRY' ENTERED AT 16:06:21 ON 10 NOV 1999

L5 STRUCTURE UPLOADED ← subset structure

L6 23 S L5 SSS FULL SUB=L3 ← 23 compounds

FILE 'CAPLUS' ENTERED AT 16:07:51 ON 10 NOV 1999

FILE 'REGISTRY' ENTERED AT 16:08:06 ON 10 NOV 1999

L7 12 S L3 NOT L6 ← reactant (or starting material) 12 compds

FILE 'CAPLUS' ENTERED AT 16:08:34 ON 10 NOV 1999

L8 1 S L7 AND L6 ← process of making (1 cite)

L9 2 S L6 ← product claim (2 cites)

FILE 'CAOLD' ENTERED AT 16:10:57 ON 10 NOV 1999

L10 0 S L6

FILE 'BEILSTEIN' ENTERED AT 16:11:08 ON 10 NOV 1999

L11 0 S L5 FULL

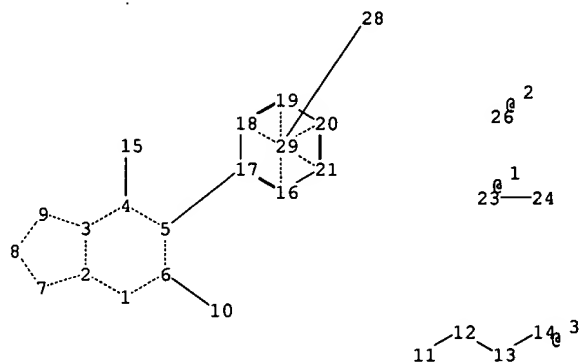
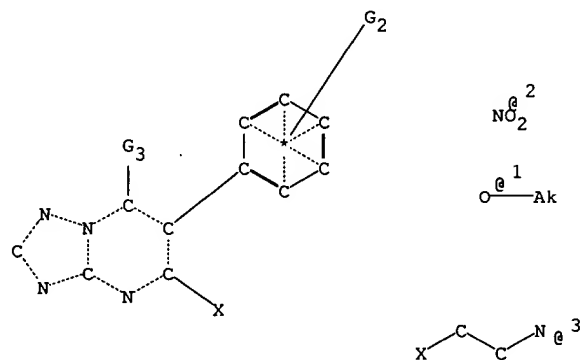
FILE 'CAPLUS' ENTERED AT 16:11:48 ON 10 NOV 1999

FILE 'CASREACT' ENTERED AT 16:12:45 ON 10 NOV 1999

L12 0 S L6/PRO

STN Structure : patel.str

= 41



chain nodes :

10 11 12 13 14 15 23 24 26 28

ring nodes :

1 2 3 4 5 6 7 8 9 16 17 18 19 20 21

chain bonds :

4-15 5-17 6-10 11-12 12-13 13-14 23-24

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 16-17 16-21 17-18
18-19 19-20 20-21

exact/norm bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 23-24

exact bonds :

4-15 5-17 6-10 11-12 12-13 13-14

normalized bonds :

16-17 16-21 17-18 18-19 19-20 20-21

isolated ring systems :

containing 1 : 16 :

G2:[*1],[*2]

G3:X,[*3]

Connectivity :

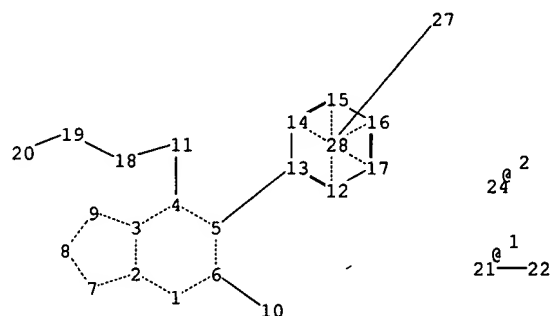
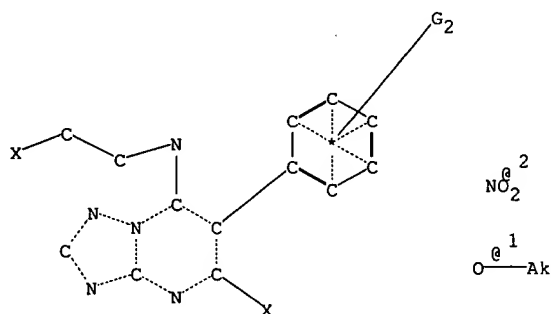
23:2ERC

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:Atom
17:Atom

18:Atom 19:Atom 20:Atom 21:Atom 23:CLASS 24:CLASS 26:CLASS
28:CLASS 29:CLASS

STN Structure : patelsub.str = LS



chain nodes :

10 11 18 19 20 21 22 24 27

ring nodes :

1 2 3 4 5 6 7 8 9 12 13 14 15 16 17

chain bonds :

4-11 5-13 6-10 11-18 18-19 19-20 21-22

ring bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 5-6 7-8 8-9 12-13 12-17 13-14
14-15 15-16 16-17

exact/norm bonds :

1-2 1-6 2-3 2-7 3-4 3-9 4-5 4-11 5-6 7-8 8-9 21-22

exact bonds :

5-13 6-10 11-18 18-19 19-20

normalized bonds :

12-13 12-17 13-14 14-15 15-16 16-17

G2:[*1],[*2]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom
10:CLASS 11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom
18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 24:CLASS 27:CLASS
28:CLASS

=> d bib abs hitstr

L9 ANSWER 1 OF 2 CAPLUS COPYRIGHT 1999 ACS

AN 1999:626195 CAPLUS

DN 131:228731

TI Preparation of 6-(2-halo-4-alkoxyphenyl)-triazolopyrimidines as agrochemical fungicides.

IN Pfrengle, Waldemar

PA American Cyanamid Company, USA

SO PCT Int. Appl., 35 pp.

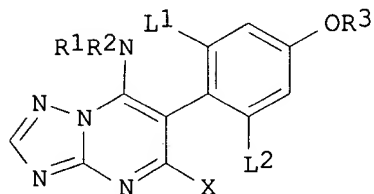
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | WO 9948893 | A1 | 19990930 | WO 1999-US5915 | 19990319 |
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| TM | RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | WO 9846608 | A1 | 19981022 | WO 1998-US5615 | 19980323 |
| | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| | US 5981534 | A | 19991109 | US 1998-160899 | 19980925 |
| PRAI | WO 1998-US5615 | | 19980323 | | |
| | US 1998-160899 | | 19980925 | | |
| | US 1997-843323 | | 19970414 | | |
| | US 1998-150572 | | 19980910 | | |
| OS | MARPAT 131:228731 | | | | |
| GI | | | | | |



I

AB Title compds. [I; R1, R2 = H, (substituted) alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, aryl, heteroaryl, cycloalkyl, bicycloalkyl, heterocyclyl; R1R2N = (substituted) heterocyclyl; R3 = alkyl, alkenyl, alkynyl, phenylalkyl, alkoxyalkyl, polyalkoxyalkyl, Ph, haloalkyl; L1 = H, F, Cl; L2 = F, Cl; X = halo], were prepd. Thus, 4-methylpiperidine, Et3N,

and 5,7-dichloro-(2,6-difluoro-4-methoxyphenyl)-1,2,4-triazolo[1,5-a]pyrimidine (prepn. given) were stirred 16 h to give 5-chloro-(2,6-difluoro-4-methoxyphenyl)-7-(4-methylpiperid-1-yl)-1,2,4-triazolo[1,5-a]pyrimidine. The latter showed a min. inhibitory concn. of <0.05 .mu.g/mL against *Alternaria solani*.

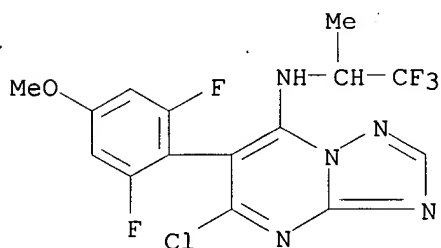
IT 214634-49-8P 244092-08-8P 244092-10-2P
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244092-29-3P 244092-30-6P 244092-31-7P
244092-36-2P 244092-37-3P 244092-38-4P
244092-39-5P 244092-43-1P 244092-46-4P
244092-47-5P 244092-48-6P 244092-49-7P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 6-(2-halo-4-alkoxyphenyl)-triazolopyrimidines as agrochem. fungicides)

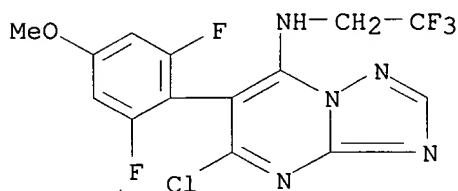
RN 214634-49-8 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-08-8 CAPLUS

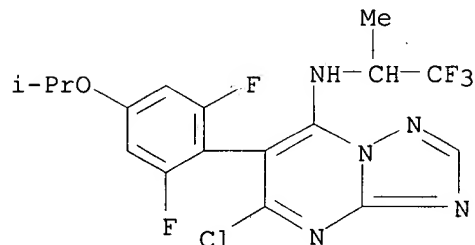
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 244092-10-2 CAPLUS

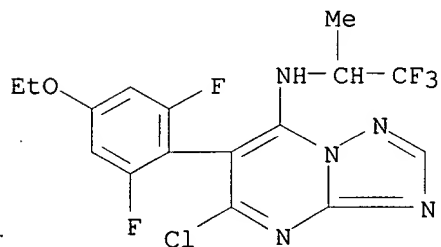
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(1-
Searched by John Dantzman 308-4488

methylethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



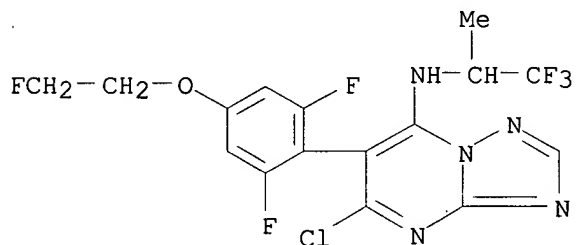
RN 244092-11-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-ethoxy-2,6-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-24-8 CAPLUS

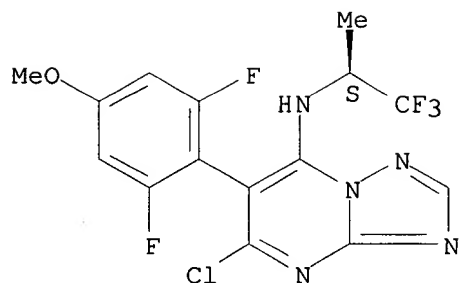
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-fluoroethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-25-9 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

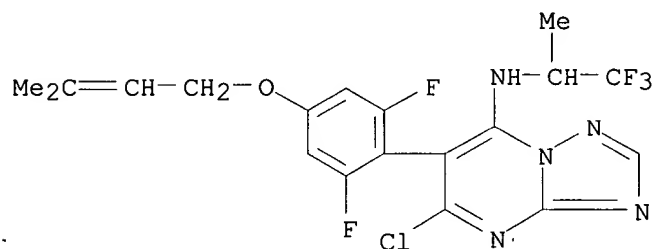
Absolute stereochemistry.



RN 244092-26-0 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[(3-methyl-2-butenyl)oxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI)

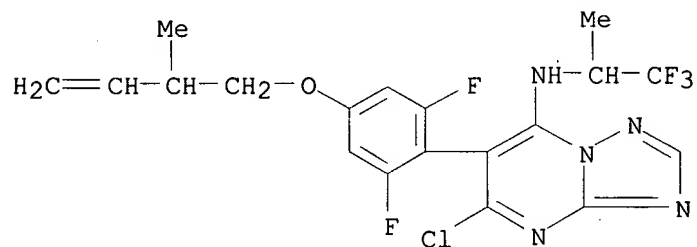
(CA
INDEX NAME)



RN 244092-27-1 CAPLUS

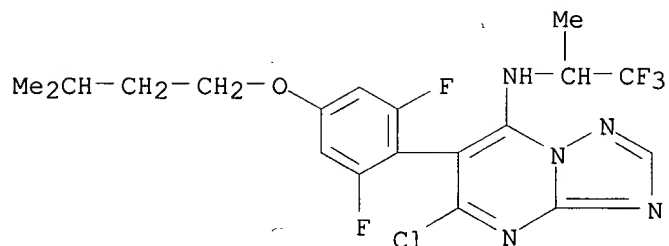
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[(2-methyl-3-butenyl)oxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI)

(CA
INDEX NAME)



RN 244092-28-2 CAPLUS

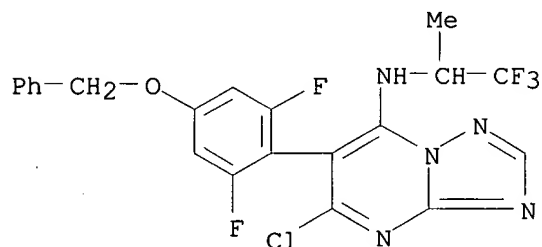
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(3-methylbutoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-29-3 CAPLUS

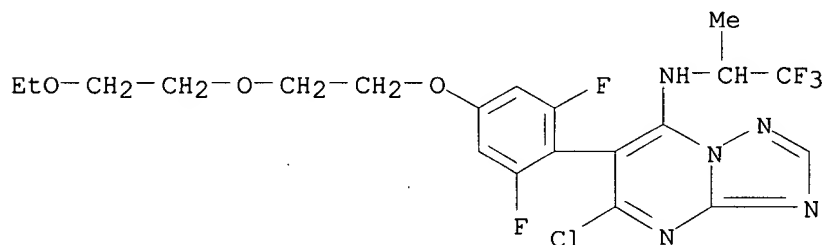
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(phenylmethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA

INDEX
NAME)



RN 244092-30-6 CAPLUS

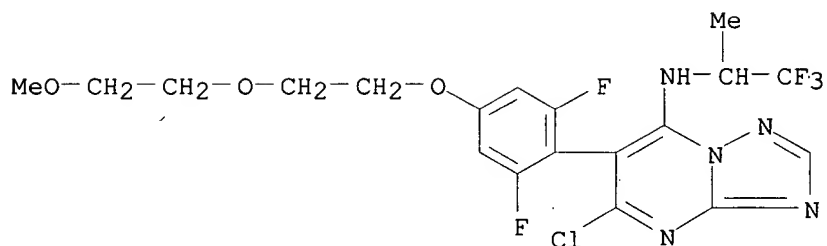
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[2-(2-ethoxyethoxy)ethoxy]-2,6-difluorophenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-31-7 CAPLUS

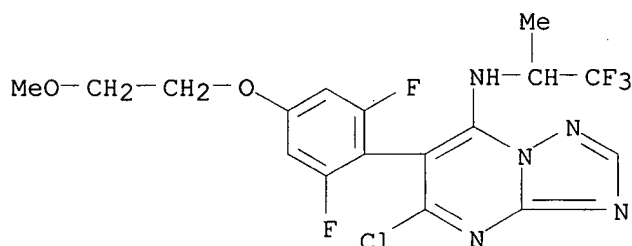
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[2-(2-methoxyethoxy)ethoxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI)

(CA
INDEX NAME)



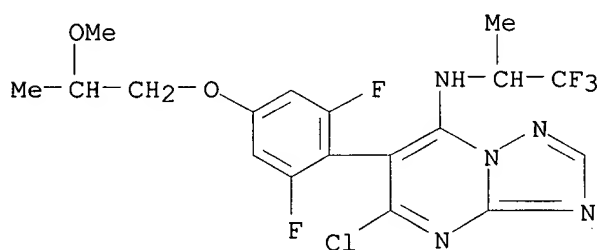
RN 244092-36-2 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-methoxyethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



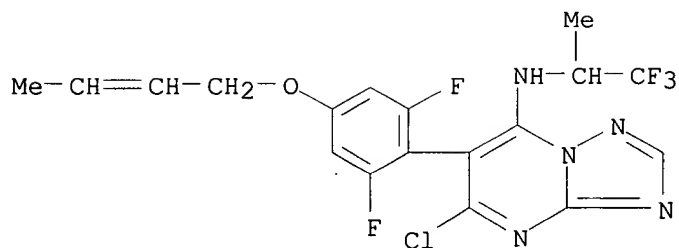
RN 244092-37-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-methoxypropoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



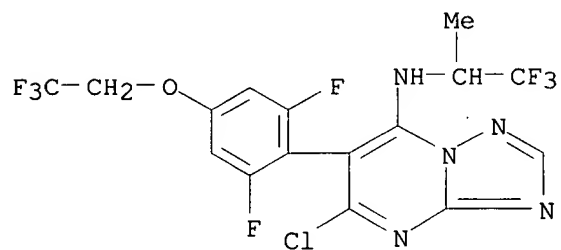
RN 244092-38-4 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(2-butenyloxy)-2,6-difluorophenyl]-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-39-5 CAPLUS

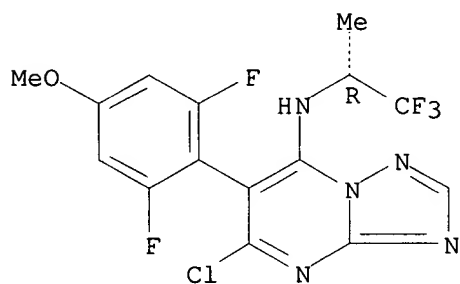
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,
5-chloro-6-[2,6-difluoro-4-(2,2,2-
trifluoroethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA
INDEX NAME)



RN 244092-43-1 CAPLUS

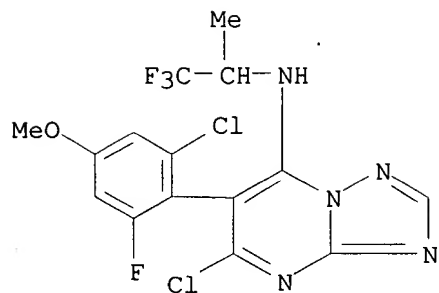
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-
methoxyphenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX
NAME)

Absolute stereochemistry.



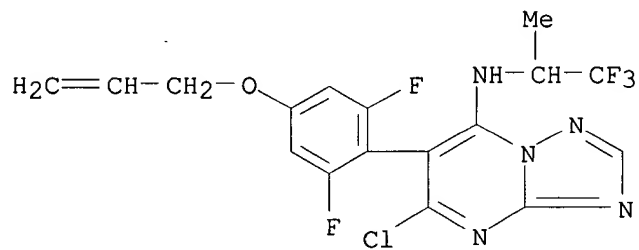
RN 244092-46-4 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluoro-4-
methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



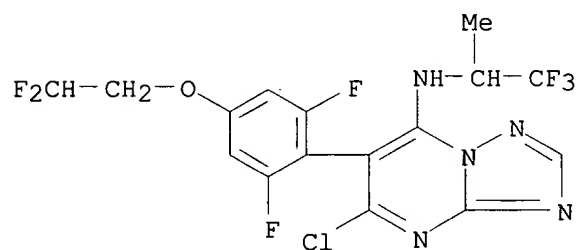
RN 244092-47-5 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-propenyloxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



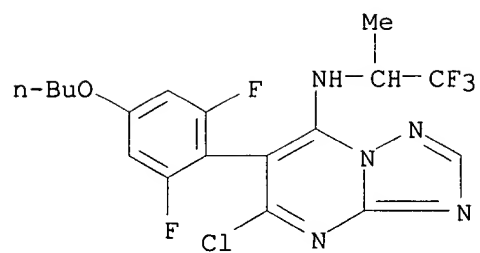
RN 244092-48-6 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-(2,2-difluoroethoxy)-2,6-difluorophenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-49-7 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-butoxy-2,6-difluorophenyl)-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



=> d bib abs hitstr 2

L9 ANSWER 2 OF 2 CAPLUS COPYRIGHT 1999 ACS

AN 1998:708827 CAPLUS

DN 129:302657

TI Preparation of fungicidal

[trifluoromethyl(alkyl)amino]triazolopyrimidines

IN Pees, Klaus-Juergen; Krummel, Guenter; Cotter, Henry Van Tuyl; Rehnig, Annerose; May, Leslie; Pfrengle, Waldemar; Albert, Guido

PA American Cyanamid Co., USA

SO PCT Int. Appl., 39 pp.

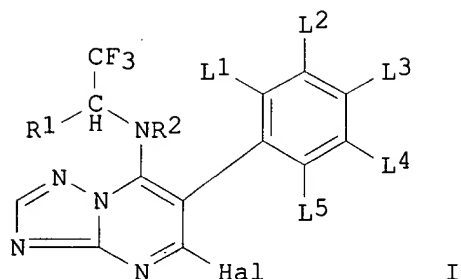
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-------------------|--|----------|-----------------|----------|
| PI | WO 9846608 | A1 | 19981022 | WO 1998-US5615 | 19980323 |
| | W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
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| | AU 9868671 | A1 | 19981111 | AU 1998-68671 | 19980323 |
| | EP 945453 | A1 | 19990929 | EP 1999-301910 | 19990312 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | |
| | WO 9948893 | A1 | 19990930 | WO 1999-US5915 | 19990319 |
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| TM | | | | | |
| | RW: | GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| PRAI | US 1997-843323 | | 19970414 | | |
| | US 1998-150572 | | 19980910 | | |
| | WO 1998-US5615 | | 19980323 | | |
| | US 1998-160899 | | 19980925 | | |
| OS | MARPAT 129:302657 | | | | |
| GI | | | | | |



AB The title compds. [I; R1, R2 = H, (un)substituted alk(en)yl, alkynyl, alkadienyl or Ph; Hal = halo; L1-L5 = H, halo, alkyl, alkoxy, NO2], fungicides with selective activity, were prepd. by amination of 5,7-dihalo-6-phenyltriazolopyrimidines with trifluoroalkylamines. The new

compds. are processed with carriers and adjuvants to fungicidal compns. For example, a stirred mixt. of 1.4 mmol 5,7-dichloro-6-(2-chloro-6-fluorophenyl)-1,2,4-triazolo[1.5a]pyrimidine with 30 mL CH2Cl2 was treated

with a mixt. of 4.2 mmol CF3CH2NH2 and 10 mL CH2Cl2 and the whole was stirred for 16 h at ambient temp. to give I (R2 = L2 = L3 = L4 = H, L5 = F) (II; R1 = H, L1 = Cl). II (R1 = Me, L1 = F) (III) inhibited mycelial growth of *Alternaria solani* and *Rhizoctonia solani* with MIC 0.78 and 3.13 mg/mL, resp. Emulsion and suspension conc., wettable powder and H2O-dispersible granule formulations contg. III were given.

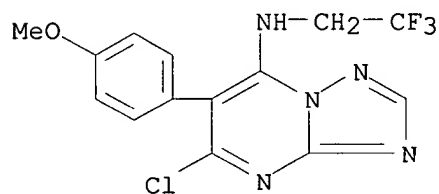
IT 214634-35-2P 214634-36-3P 214634-49-8P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of fungicidal

[trifluoromethyl(alkyl)amino]triazolopyrimidines)

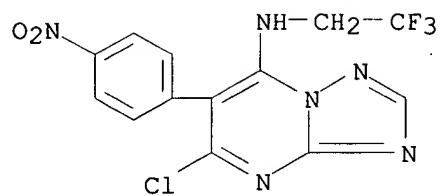
RN 214634-35-2 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

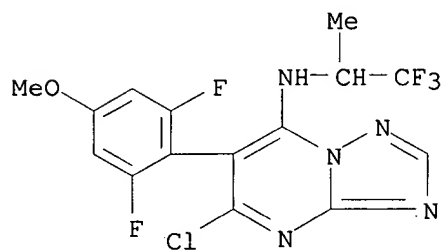


RN 214634-36-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-nitrophenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)



RN 214634-49-8 CAPLUS
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



Process of Making

=> d his

(FILE 'HOME' ENTERED AT 15:54:57 ON 10 NOV 1999)

FILE 'REGISTRY' ENTERED AT 15:55:04 ON 10 NOV 1999

L1 STRUCTURE UPLOADED

L2 2 S L1 ← parent ~~comp~~ structure

L3 35 S L1 FULL ← 35 compounds from parent search

FILE 'CAPLUS' ENTERED AT 16:05:44 ON 10 NOV 1999

L4 4 S L3

FILE 'REGISTRY' ENTERED AT 16:06:21 ON 10 NOV 1999

L5 STRUCTURE UPLOADED ← subset structure

L6 23 S L5 SSS FULL SUB=L3 ← 23 compounds

FILE 'CAPLUS' ENTERED AT 16:07:51 ON 10 NOV 1999

FILE 'REGISTRY' ENTERED AT 16:08:06 ON 10 NOV 1999

L7 12 S L3 NOT L6 ← reactant (or starting material) 12 compds

FILE 'CAPLUS' ENTERED AT 16:08:34 ON 10 NOV 1999

L8 1 S L7 AND L6 ← process of making (1 cite)

L9 2 S L6 ← product claim (2 cites)

FILE 'CAOLD' ENTERED AT 16:10:57 ON 10 NOV 1999

L10 0 S L6

FILE 'BEILSTEIN' ENTERED AT 16:11:08 ON 10 NOV 1999

L11 0 S L5 FULL

FILE 'CAPLUS' ENTERED AT 16:11:48 ON 10 NOV 1999

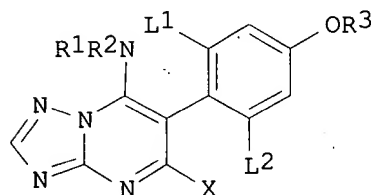
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L12 0 S L6/PRO

=> d 18 bib abs hitstr

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 1999 ACS
 AN 1999:626195 CAPLUS
 DN 131:228731
 TI Preparation of 6-(2-halo-4-alkoxyphenyl)-triazolopyrimidines as
 agrochemical fungicides.
 IN Pfrengle, Waldemar
 PA American Cyanamid Company, USA
 SO PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 9948893 | A1 | 19990930 | WO 1999-US5915 | 19990319 |
| | W: | | | | |
| | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, | | | | |
| | DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, | | | | |
| | KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, | | | | |
| | MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, | | | | |
| | TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, | | | | |
| TM | | | | | |
| | RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, | | | | |
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| | WO 9846608 | A1 | 19981022 | WO 1998-US5615 | 19980323 |
| | W: | | | | |
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| | NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, | | | | |
| | UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, | | | | |
| | FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, | | | | |
| | GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| | US 5981534 | A | 19991109 | US 1998-160899 | 19980925 |
| PRAI | WO 1998-US5615 | | 19980323 | | |
| | US 1998-160899 | | 19980925 | | |
| | US 1997-843323 | | 19970414 | | |
| | US 1998-150572 | | 19980910 | | |
| OS | MARPAT 131:228731 | | | | |
| GI | | | | | |



AB Title compds. [I; R1, R2 = H, (substituted) alkyl, alkenyl, alkynyl, alkadienyl, haloalkyl, aryl, heteroaryl, cycloalkyl, bicycloalkyl, heterocyclyl; R1R2N = (substituted) heterocyclyl; R3 = alkyl, alkenyl, alkynyl, phenylalkyl, alkoxyalkyl, polyalkoxyalkyl, Ph, haloalkyl; L1 = H, F, Cl; L2 = F, Cl; X = halo], were prepd. Thus, 4-methylpiperidine, Et3N,

and 5,7-dichloro-(2,6-difluoro-4-methoxyphenyl)-1,2,4-triazolo[1,5-a]pyrimidine (prepn. given) were stirred 16 h to give 5-chloro-(2,6-difluoro-4-methoxyphenyl)-7-(4-methylpiperid-1-yl)-1,2,4-triazolo[1,5-a]pyrimidine. The latter showed a min. inhibitory concn. of <0.05 .mu.g/mL against *Alternaria solani*.

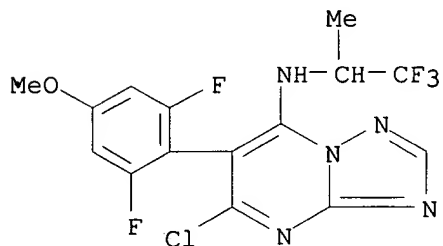
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244092-29-3P 244092-30-6P 244092-31-7P
244092-36-2P 244092-37-3P 244092-38-4P
244092-39-5P 244092-43-1P 244092-46-4P
244092-47-5P 244092-48-6P 244092-49-7P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 6-(2-halo-4-alkoxyphenyl)-triazolopyrimidines as agrochem. fungicides)

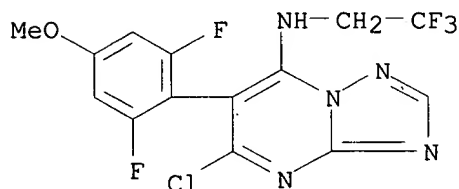
RN 214634-49-8 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-08-8 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-(2,2,2-trifluoroethyl)- (9CI) (CA INDEX NAME)

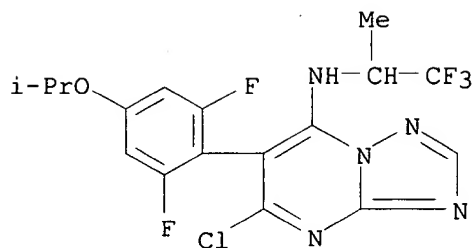


RN 244092-10-2 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(1-methylethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)

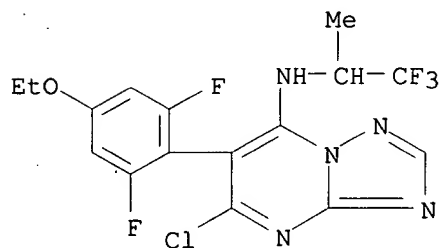
Searched by John Dantzman 308-4488

NAME)



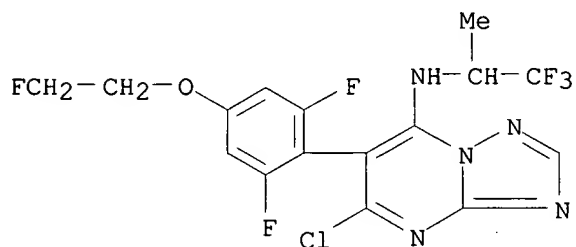
RN 244092-11-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(4-ethoxy-2,6-difluorophenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-24-8 CAPLUS

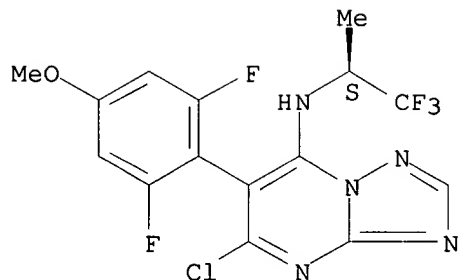
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-fluoroethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-25-9 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(1S)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

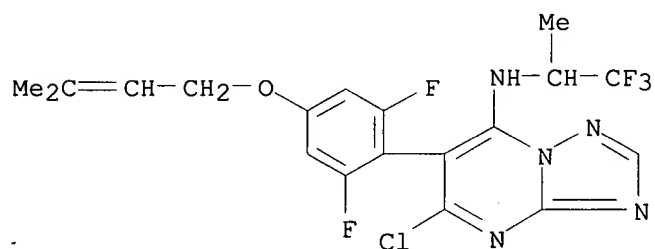
Absolute stereochemistry.



RN 244092-26-0 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[(3-methyl-2-butenyl)oxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI)

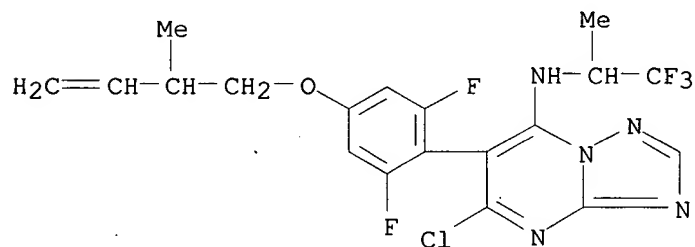
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INDEX NAME)



RN 244092-27-1 CAPLUS

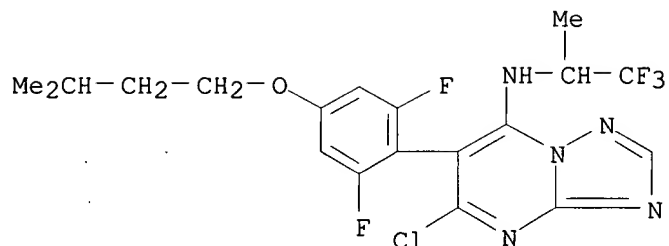
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[(2-methyl-3-butenyl)oxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI)

(CA
INDEX NAME)



RN 244092-28-2 CAPLUS

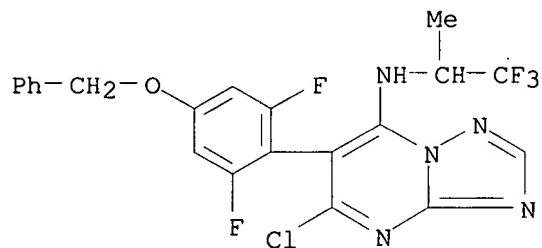
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(3-methylbutoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-29-3 CAPLUS

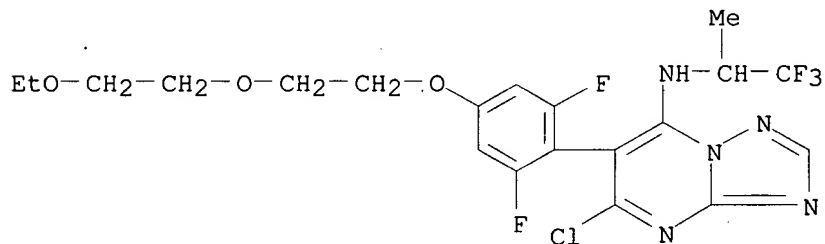
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(phenylmethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA

INDEX
NAME)



RN 244092-30-6 CAPLUS

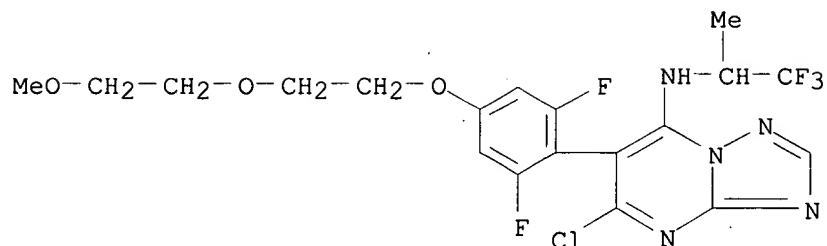
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-[2-(2-ethoxyethoxy)ethoxy]-2,6-difluorophenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-31-7 CAPLUS

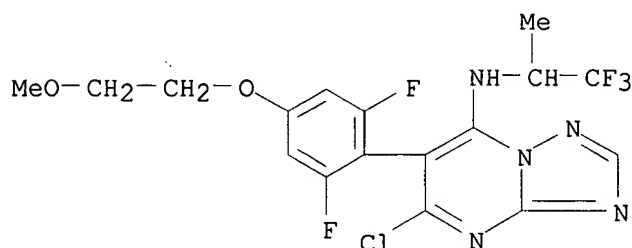
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-[2-(2-methoxyethoxy)ethoxy]phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA

INDEX NAME)



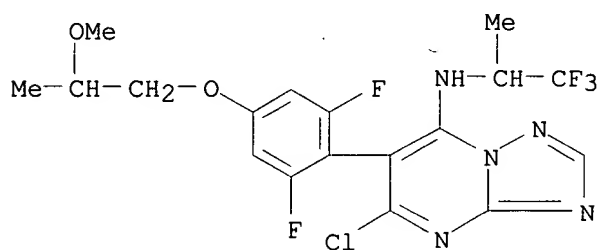
RN 244092-36-2 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-methoxyethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



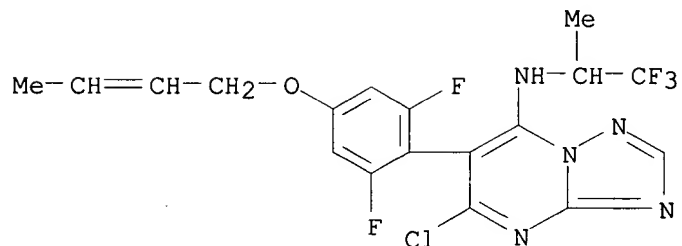
RN 244092-37-3 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-methoxypropoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-38-4 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-[4-(2-butenyloxy)-2,6-difluorophenyl]-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)

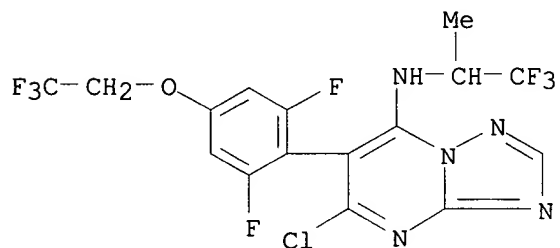


RN 244092-39-5 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine,

5-chloro-6-[2,6-difluoro-4-(2,2,2-

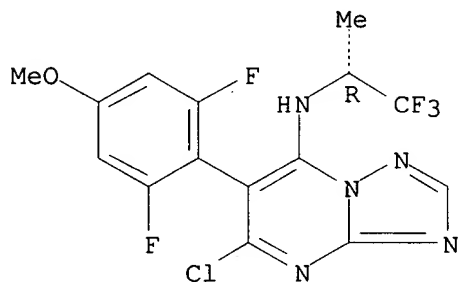
trifluoroethoxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-43-1 CAPLUS

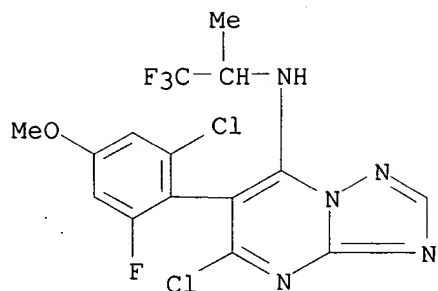
CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2,6-difluoro-4-methoxyphenyl)-N-[(1R)-2,2,2-trifluoro-1-methylethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



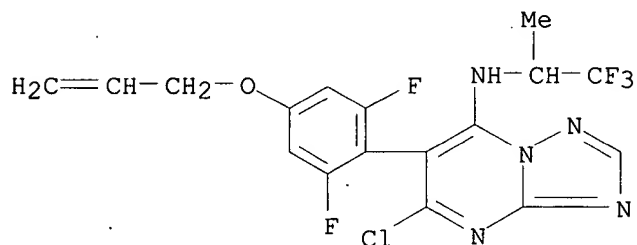
RN 244092-46-4 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-(2-chloro-6-fluoro-4-methoxyphenyl)-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



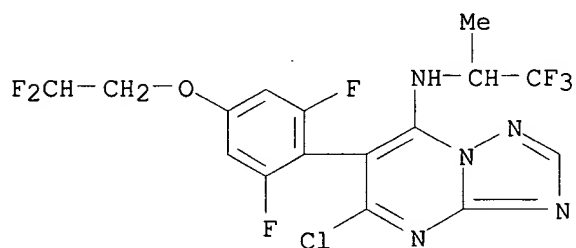
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CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[2,6-difluoro-4-(2-propenyloxy)phenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



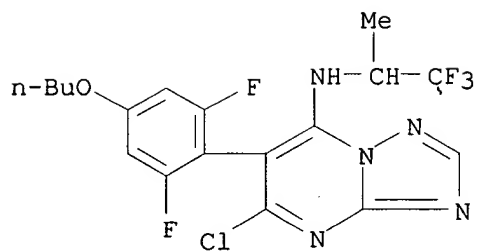
RN 244092-48-6 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 5-chloro-6-[4-(2,2-difluoroethoxy)-2,6-difluorophenyl]-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



RN 244092-49-7 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidin-7-amine, 6-(4-butoxy-2,6-difluorophenyl)-5-chloro-N-(2,2,2-trifluoro-1-methylethyl)- (9CI) (CA INDEX NAME)



IT 244092-41-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of 6-(2-halo-4-alkoxyphenyl)-triazolopyrimidines as agrochem.
fungicides)

RN 244092-41-9 CAPLUS

CN [1,2,4]Triazolo[1,5-a]pyrimidine, 5,7-dichloro-6-(2,6-difluoro-4-methoxyphenyl)- (9CI) (CA INDEX NAME)

